

S*(-)**RABEPRAZOLE COMPOSITIONS AND METHODS***Abstract of the Invention**

Methods and compositions are disclosed utilizing optically pure *S*(-)*rabeprazole* for the treatment of ulcers in humans while substantially reducing the concomitant liability of adverse effects associated with the racemic mixture of *rabeprazole*. The optically pure *S*(-) isomer is also useful for the treatment of gastroesophageal reflux. *S*(-)*rabeprazole* is an inhibitor of H⁺ release and is therefore useful in the treatment of other conditions related to gastric hypersecretion such as Zollinger-Ellison Syndrome.